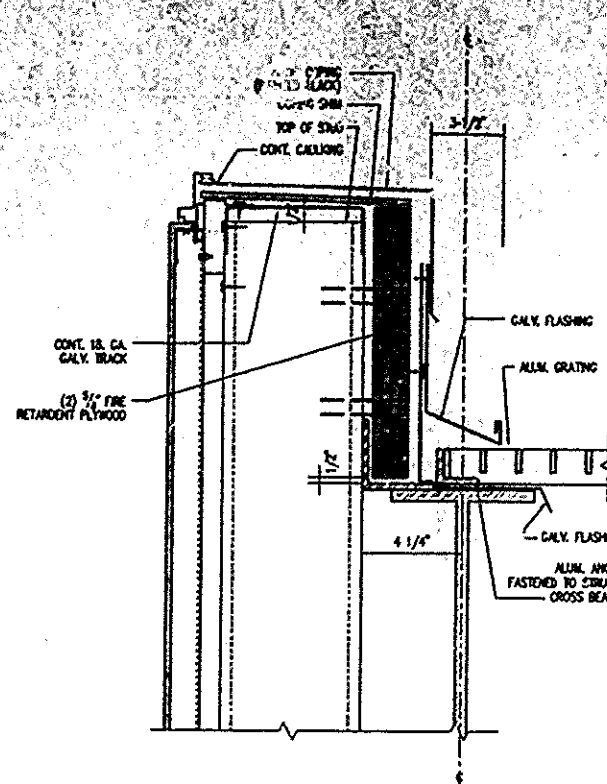
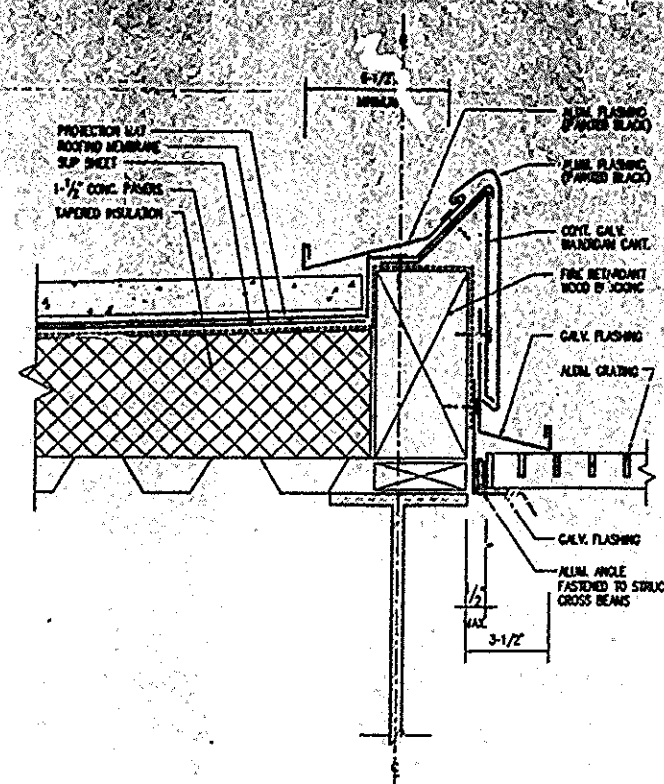


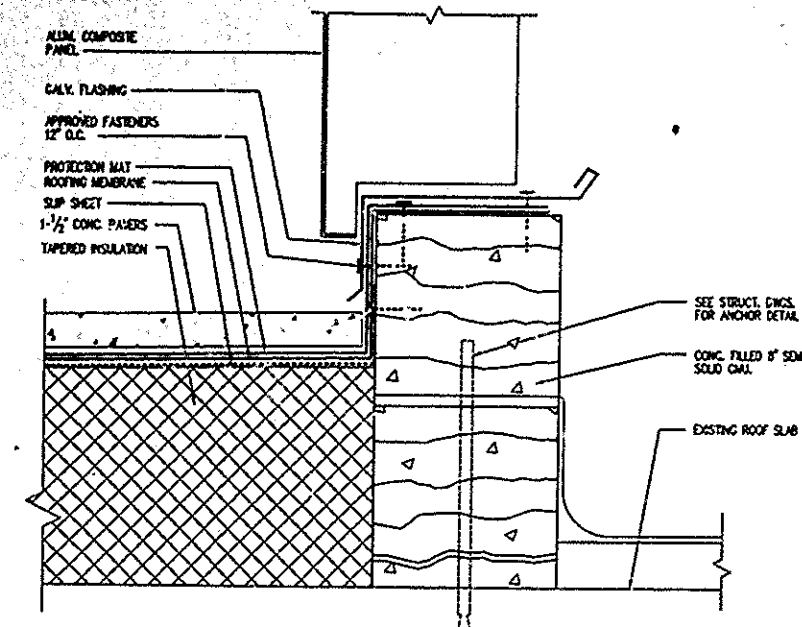
1 TYPICAL ALUM. COPING DETAIL



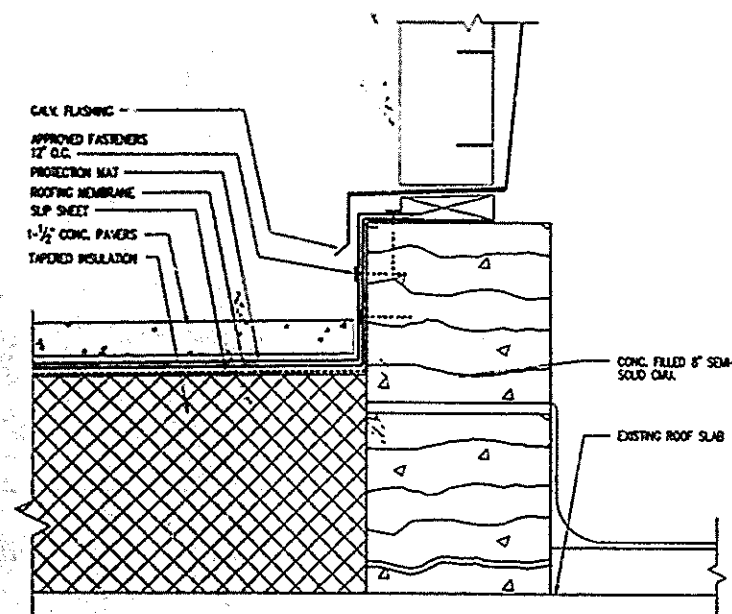
2 TYPICAL ALUM. COPING/FLASHING DETAIL



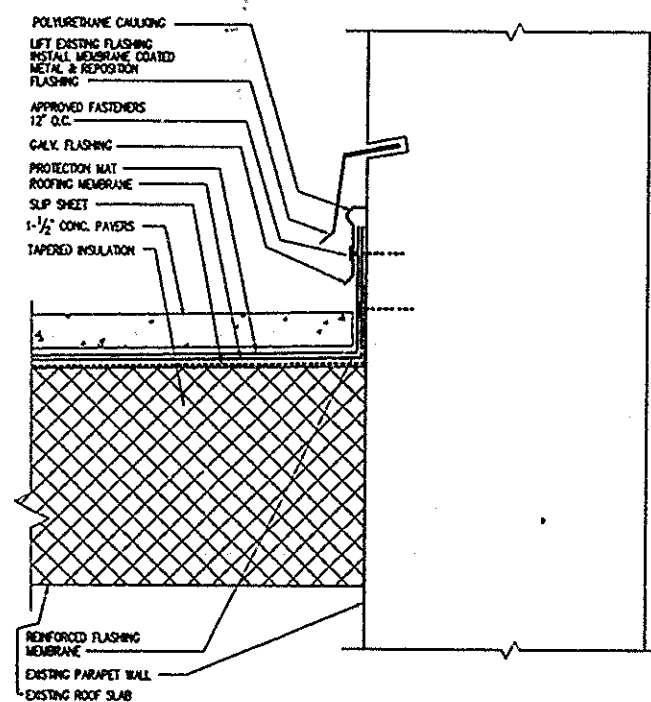
3 TYPICAL TRANSITION FLASHING



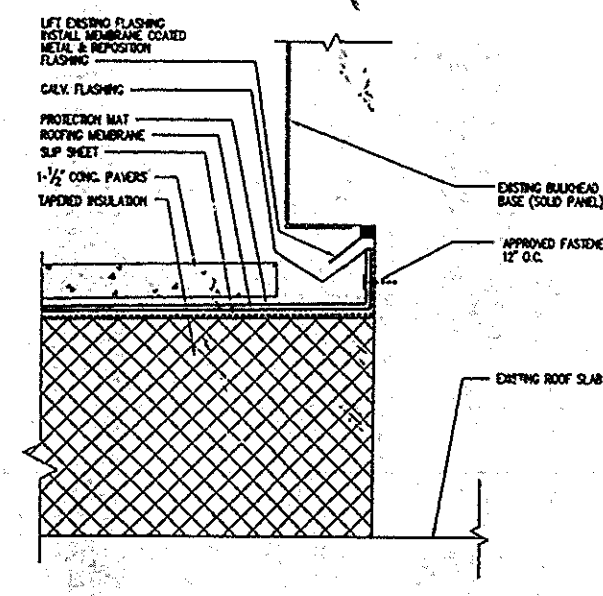
4 TYPICAL CURB FLASHING @ COMPOSITE ALUM. PANEL WALL



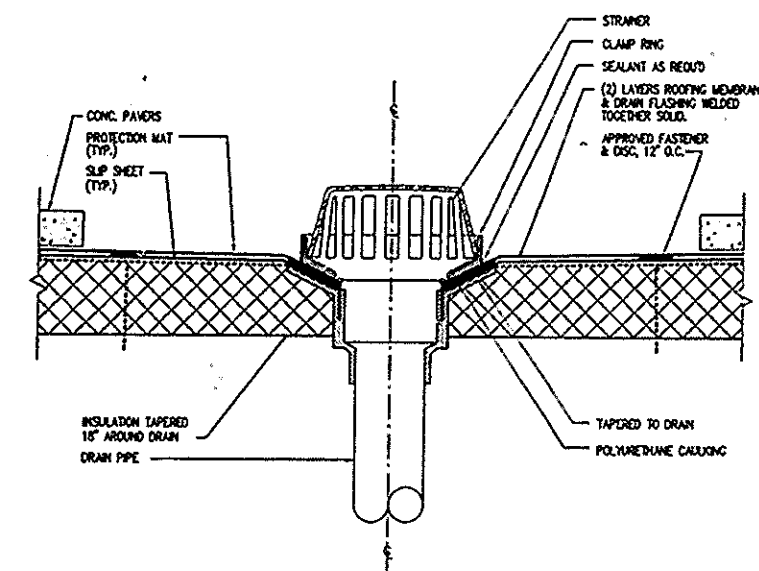
5 TYPICAL CURB FLASHING @ VERTICAL GRILLE



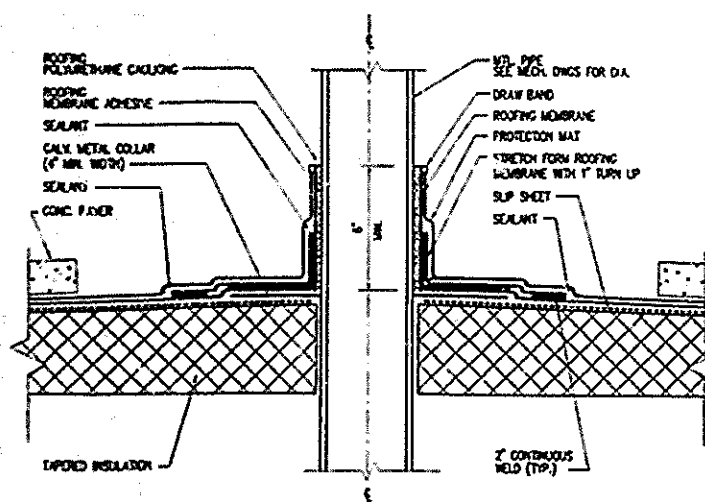
6 TYPICAL FLASHING @ EXISTING BULKHEAD & PARAPET



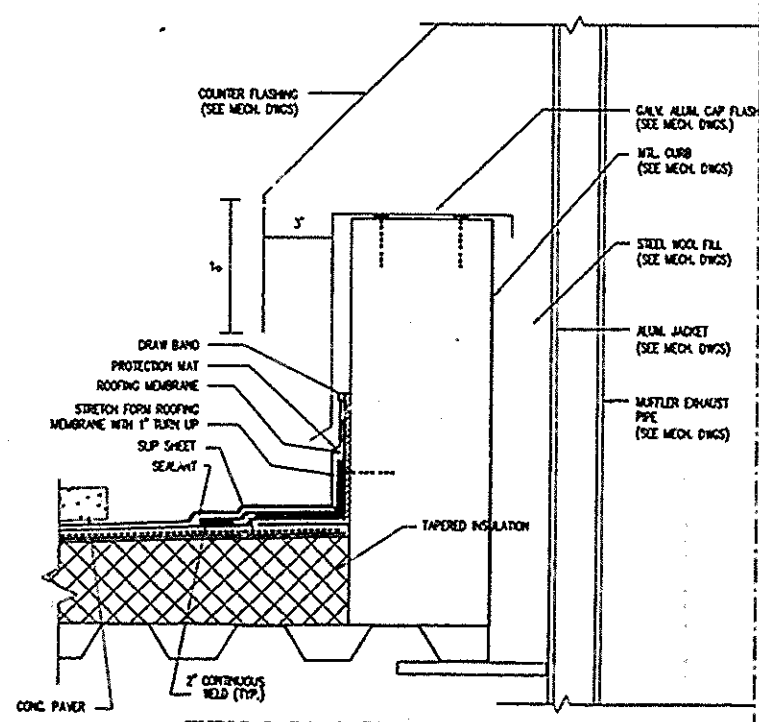
7 TYPICAL BASE FLASHING @ EXISTING BULKHEAD



8 TYPICAL FLASHING DETAIL @ DRAIN

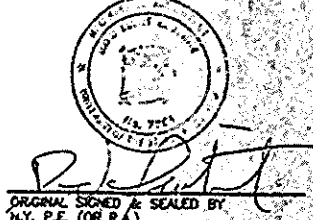


9 TYPICAL PIPE FLASHING



10 TYPICAL ROOF FLASHING FOR MUFFLER MECH. CURB

THE PORT AUTHORITY OF NY & NJ



**Joseph R. Loing & Associates, Inc.**  
consulting engineers  
One Pennsylvania Plaza  
New York, New York 10004-0045  
Tel: (212) 512-7400, Fax: (212) 512-7261

THE OFFICE OF  
**DAVID ELIOT LEBOWITZ**  
P.E.  
ARCHITECT & PLANNER  
100 WEST 40TH STREET, 10TH FLOOR  
NEW YORK, NY 10018-3009  
TEL: (212) 693-0000 FAX: (212) 693-0001

**LESLIE E. ROBERTSON ASSOCIATES, PLLC**  
CONSULTING ENGINEERS, ARCHITECTS  
200 EAST 40TH STREET  
NEW YORK, NY 10018  
TEL: (212) 693-0000 FAX: (212) 693-0001

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS FOR THE PROJECT OF THE PORT AUTHORITY OF NY & NJ, AND THAT THE SAME WAS EXECUTED BY THE PARTIES.  
DATE: 11/17/97 *Smiley A. Nelson* ARCHITECT  
DATE: 4/10/98 *PL* ENGINEER OF DESIGN

No.	Date	Revision	Approved
1	11/17/97	ISSUED FOR BID	
Engineering Department			
Design Divisions			
The World Trade Center			

Title  
**STANDBY POWER  
5 WORLD TRADE CENTER  
ARCHITECTURAL  
BULKHEAD ROOFING  
DETAILS**

This drawing is subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

C.B. JAK  
Designed by Drawn by JRA Job No.  
Date 11/17/97 Scale AS SHOWN  
Contract Number Drawing Number  
**WTC-945.071 A2-11**

